

REMARK

A marked-up version of amended paragraph in the specification and amended claims 1-10 are included herewith in Appendix A.

It is requested that the examination and prosecution of this application proceed on the basis of the English translation of the PCT International application included herewith and these amended claims 1-10.

Respectfully submitted,



Marianne Fuierer
Registration No. 39,983
Attorney for Applicants

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
P. O. Box 14329
Research Triangle Park, NC 27709
Phone: (919) 419-9350
Fax: (919) 419-9354
Attorney File: 4139-121

4139-120-0014602

APPENDIX A**In the Claims**

Please amend claims 1-10 to read as follows:

1. A contour collimator [(1)] for radiation therapy comprising [having] a plurality of diaphragm elements having two sides and a first and second terminal portion [(13, 14)] wherein the diaphragm elements are arranged in a fan formation and are arranged movably with respect to each other, such movement being powered by a drive unit for each diaphragm element; [(17, 17')], [characterized in that] and wherein the diaphragm elements [(13, 14)] are supported only on the first terminal portion [on the side of] of the diaphragm element that is positioned near the drive unit [(17, 17')].
2. The contour collimator according to claim 1, wherein the [characterized in that] first terminal portion of the diaphragm elements [(13, 14)] are furnished with a toothed rack [(33)] communicatively connected to the [in the area of] drive unit [(17, 17')].
3. The contour collimator according to claim 2, [either of the previous claims, characterized in that] further comprising a guide for the diaphragm elements [(13, 14)] that is disposed directly adjacent to the drive unit [(17, 17')].
4. The contour collimator according to claim 3 [any of the previous claims, characterized in that] further comprising a loose bedding [(30, 30')] that is provided for diaphragm elements [(13, 14)] on the second terminal portion [side] of the diaphragm elements [(13, 14)] opposite to drive unit [(17, 17')].
5. The contour collimator according to claim 1, wherein [any of the previous claims, characterized in that] at least two diaphragm elements [(13, 14)] are arranged with some separation, opposite and slightly offset relative to one

2025PTI09-04730686260

another, and movably towards one another in more than half the distance of separation.

6. The contour collimator according to claim 1, wherein [any of the previous claims, characterized in that] the longitudinal axes of least two diaphragm elements [(13, 14)] form an angle over the distance from the drive unit [(17, 17')] to their facing side.
7. The contour collimator according to claim 3, wherein [any of the previous claims, characterized in that the side] the first terminal portion of a diaphragm element [(13, 14)] in the area of the drive unit [(17, 17')] in the direction of movement [(34)] of the diaphragm element [(13, 14)] is longer than its opposite side.
8. The contour collimator according to claim1, wherein [any of the previous claims, characterized in that] at least two diaphragm elements [(13, 14)] form a diaphragm group [(2, 3)] which is arranged movably in the direction of movement of the diaphragm elements [(13, 14)] in addition to the movement of individual diaphragm elements [(13, 14)].
9. The contour collimator according to claim 8, wherein [characterized in that] two diaphragm groups [(2, 3)] are arranged opposite one another in the direction of movement [(34)] of the diaphragm elements [(13, 14)] and movably towards one another on guide rails [(4, 5, 6, 7)].
10. The contour collimator according to claim 1, wherein [any of the previous claims, characterized in that] the drive unit [(17, 17')] is equipped with a rotary potentiometer [(28)] to record the position of the diaphragms.